



EPPL COMPONENT

Originator: null

Status: CLOSED

Company: UMS

Accepted: 2010-09-14

EPPL Part: 2

Group: MICROCIRCUITS

Subgroup:

MICROWAVE MONOLITIC
INTEGRATED CIRCUITS
(MMIC)

Part type:

PH15

Description: MMIC GaAs Foundry Process, 0.15 um Pseudomorphic High Electron Mobility Transistor (P-HEMT) for low noise, low level applications up to W Band

Detail spec:

Package: N/A

Manufacturer: UMS

APPROVAL STATUS

Qualification: Others

Other:

Highest screening level (MIL): NO QUALIFICATION

Evaluation programmes or other approvals:

Former space usage:

PREVIOUS PROCUREMENT AND TEST DATA

Test data (Evaluation, Lot acceptance, DPA, MIL QCI/TCI, ...):

RADIATION HARDNESS DATA

Total dose effects:

Displacement damage:

Single event effects (SEL/SEU/SET/SEFI/SEB/SEGR/others):

REMARKS

Passive elements are similar to PH25 Process.

No radiation tests were performed on this process. Therefore it is the responsibility of the users to check that its design can withstand the radiation requirements for its application (especially for SEE).